

JAPIO

(c) 2006 JPO & JAPIO. All rights reserved.

02882087 **HIV FUSED PROTEIN**

**Pub. No.:** 01-179687 [JP 1179687 A ]

**Published:** July 17, 1989 (19890717)

**Inventor:** NOZAKI CHIKAHIDE

MATSUSHITA SHUZO

HATTORI TOSHIO

TAKATSUKI KIYOSHI

**Applicant:** CHEMO SERO THERAPEUT RES INST [420930] (A Japanese Company or Corporation), JP (Japan)

**Application No.:** 62-336292 [JP 87336292]

**Filed:** December 30, 1987 (19871230)

**International Class:** [ 4 ] C12N-007/04; C07K-013/00; C12P-021/02; A61K-039/21; C12N-015/00; C12P-021/02; C12R-001/91; C12N-015/00; C12R-001/91

**JAPIO Class:** 14.5 (ORGANIC CHEMISTRY -- Microorganism Industry); 14.1 (ORGANIC CHEMISTRY -- Organic Compounds); 14.4 (ORGANIC CHEMISTRY -- Medicine)

**Journal:** Section: C, Section No. 645, Vol. 13, No. 461, Pg. 74, October 18, 1989 (19891018)

#### **ABSTRACT**

**PURPOSE:** To obtain a gag-env fused protein having both gag antigen and env antigen, by fusing a gag antigen gene fraction containing a range to code p24 of HIV with an env antigen gene fraction containing a range to code gp41.

**CONSTITUTION:** A gag antigen gene fraction containing a range to code p24 of HIV is fused with an env antigen gene fraction containing a range to code gp41 to make the same reading frame. Then development by yeast is carried out to give a gag-env fused protein having both antigenicities of gag-p24 and env-gp41. The prepared gag-env fused protein of HIV has antigenicities of characteristic AIDS virus and env protein and is suitable as a reagent for measuring AIDS-related antibodies and useful for vaccine.

=====

Inpadoc/Fam.& Legal Stat

(c) 2006 EPO. All rights reserved.

8811622

Basic Patent (No,Kind,Date): JP 1179687 A2 890717 No. of Patents: 001  
HIV FUSED PROTEIN (English)

Patent Assignee: CHEMO SERO THERAPEUT RES INST

Author (Inventor): NOZAKI CHIKAHIDE; MATSUSHITA SHUZO; HATTORI TOSHIO;  
TAKATSUKI KIYOSHI

IPC: \*C12N-007/04; C07K-013/00; C12P-021/02; A61K-039/21; C12N-015/00;  
C12R-001-91

CA Abstract No: 113(05)035900X

Derwent WPI Acc No: C 89-245894

JAPIO Reference No: 130461C000074

Language of Document: Japanese

Patent Family:

Patent No	Kind	Date	Applic No	Kind	Date
JP 1179687	A2	890717	JP 87336292	A	871230 (BASIC)

Priority Data (No,Kind,Date):

JP 87336292 A 871230